



STATE OF  
COLORADO

Zuber - DNR, Rob <rob.zuber@state.co.us>

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## Inspection report from yesterday

1 message

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**Zuber - DNR, Rob** <rob.zuber@state.co.us>

Fri, Mar 26, 2021 at 2:36 PM

To: "Moline, Ben" <ben.moline@molsoncoors.com>

Ben -

Please read the attached inspection report for the Keenesburg Mine.

Thanks,  
Rob

Rob Zuber, P.E.  
Environmental Protection Specialist II  
Active Mines Regulatory Program



**COLORADO**  
Division of Reclamation,  
Mining and Safety  
Department of Natural Resources

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**INSP-REPORTC\_C1981028\_RDZ\_03262021021626.pdf**  
1342K



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Department of Natural Resources

**PERMIT INFORMATION**

<b>Permit Number:</b> C-1981-028 <b>Mine Name:</b> Keenesburg Strip Mine <b>Operator:</b> Coors Energy Company <b>Operator Address:</b> Mr. Ben Moline PO Box 4030 Golden, CO 80402	<b>County:</b> Weld <b>Operation Type:</b> Surface <b>Permit Status:</b> Permanent Cessation <b>Ownership:</b> Private
	<b>Operator Representative Present:</b>  None
<b>Operator Representative Signature:</b> (Field Issuance Only)  	

**INSPECTION INFORMATION**

<b>Inspection Start Date:</b> March 25, 2021 <b>Inspection Start Time:</b> 09:45 <b>Inspection End Date:</b> March 25, 2021 <b>Inspection End Time:</b> 11:15		<b>Inspection Type:</b> Coal Partial Inspection <b>Inspection Reason:</b> Normal I&E Program <b>Weather:</b> Cloudy	
<b>Joint Inspection Agency:</b>  None		<b>Joint Inspection Contacts:</b>  	
<b>Post Inspection Agency:</b>  None		<b>Post Inspection Contacts:</b>  	
<b>Inspector(s):</b>  Robert Zuber, P.E.	<b>Inspector's Signature:</b>  <i>Robert D. Zuber</i>		<b>Signature Date:</b>  3/26/2021

**Inspection Topic Summary**

NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable

Y - Air Resource Protection

N - Availability of Records

NA - Backfill &amp; Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

R - Fish &amp; Wildlife

R - Hydrologic Balance

R - Gen. Compliance With Mine Plan

N - Other

NA - Processing Waste

NA - Roads

R - Reclamation Success

N - Revegetation

NA - Subsidence

Y - Slides and Other Damage

R - Support Facilities On-site

R - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

NA - Topsoil

**COMMENTS**

A partial inspection was conducted by Rob Zuber of DRMS on March 25th. No Coors Energy Company (CEC) representative participated in the inspection. The site is in Permanent Cessation. Reclamation activities (including seeding) were completed in the fall of 2020.

The weather was cloudy and cool. Some snow patches were seen around the site, but the soil was not muddy because of the high quantity of sand in the soil at Keenesburg.

**FISH and WILDLIFE – Rule 4.18:**

One owl and other birds were seen around the ponds. No coyotes were seen but many tracks were seen around the site.

**HYDROLOGIC BALANCE - Rule 4.05**

Drainage Control 4.05.1, 4.05.2, 4.05.3; Siltation Structures 4.05.5, 4.05.6; Discharge Structures 4.05.7, 4.05.10; Diversions 4.05.4; Effluent Limits 4.05.2; Ground Water Monitoring 4.05.13; Surface Water Monitoring 4.05.13; Drainage – Acid and Toxic Materials 4.05.8; Impoundments 4.05.6, 4.05.9; Stream Buffer Zones 4.05.18:

Both Sediment Pond 2 and the Dugout Pond contained small amounts of water. Neither pond was discharging during the inspection. There were no signs that they had discharged recently. As usual, they both contained large amounts of riparian vegetation. No problems were observed with the two ponds.

**GENERAL MINE PLAN COMPLIANCE:**

The northern boundary of the site (including the ditch to Sediment Pond 2) was observed, and no signs of pollutant loading from the mine site, or any other problems, were seen.

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3

**RECLAMATION SUCCESS - Rule 4.15, Rule 3:**

Most of the site was walked (all except southwest corner), and no erosion or other problems were seen. This includes:

- The areas that were reclaimed in 2019 and 2020, including roads, the Long Term Spoil Area, the B Pit area, and the footprints of old soil piles
- Area 25 west of the Dugout Pond
- Area 34 at the southeast part of the site
- The relatively steep slope between the Dugout Pond and the area where topsand was stored (south of facilities).

The southwest corner was viewed from afar (a location a few feet south of B Pit), and no problems were identified. The vegetation cover in Area 32 is very good and consistent with past months.

**SUPPORT FACILITIES - Rule 4.04:**

No problems were seen at the facilities area. The yard was being used by a third party. This was approved by Coors Energy, as noted in past inspections.

**SIGNS AND MARKERS – Rule 4.02:**

The entrance sign still lacks contact information for DRMS (including division name, address and telephone number). This must be remedied by the end of April 2021 for CEC to remain in compliance. An acceptable solution is to add another sign next to the existing one.

No problems were identified with boundary markers; they were seen on all sides of the site.

**DOCUMENTS RECEIVED - none**

**OTHER (SPECIFY) - none**

**ENFORCEMENT ACTIONS/COMPLIANCE**

No enforcement actions were initiated as a result of this inspection, nor are any pending.

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## **PHOTOGRAPHS**



**Sediment Pond 2 and north boundary**



**Area 37 (former topsand storage area)**

Number of Partial Inspection this Fiscal Year: 6

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**Dormant vegetation in northwest portion of Long Term Spoil area (looking south)**



**Northeast corner of B Pit (looking southwest)**

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Number of Complete Inspections this Fiscal Year: 3





**Looking east towards facility area from B Pit with Long Term Spoil area in center of photo**

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**Southwest corner of site, looking south (Area 32 in foreground)**



**Dugout Pond on left and reclaimed topsand storage area on right**

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